

Patent claims

1. Rotor block (1) with a housing (2), with at least one connection surface (3A) that absorbs the load, and with pivot bearing seats (4) for plain and/or anti-friction bearings (5) that are designed to support a rotor (6), wherein, to dismount the rotor (6) from the housing (2), the plain and/or anti-friction bearings (5) can be dismantled from the exterior and the rotor (6) from a side (8) lying transversally to the bearings, and the pivot bearing seats (4) take the form of openings (9) that are directly configured in the housing wall, without the use of annular bodies, characterized in that the pivot bearing seats (4) are fashioned so that they form a segment greater than a semicircle around the plain and/or anti-friction bearings (5) and leave a section open on one side (8) in relation to said bearings (5), thus forming a narrowing (13).
2. Rotor block per claim 1, characterized in that the openings (9) not enclosed all around have a narrowing (13) that has larger dimensions than the diameter of the hub (7) of the rotor (6).
3. Rotor block per claim 1 or 2, characterized in that the plain and/or anti-friction bearings (5) are smaller than the openings (9) not enclosed all around and larger than the narrowing (13).
4. Rotor block per one of the preceding claims, characterized in that the openings (9) are free at the side (8) so that the rotor (6) can be taken out from the side (8) after the plain and/or anti-friction bearings (5) have been removed sideways.
5. Rotor block per one of the preceding claims, characterized in that the openings (9) have a shape resembling a keyhole, looking in cross section.
6. Rotor block per one of the preceding claims, characterized in that the openings (9) have a circular upper region (11) to accommodate the plain and/or anti-friction bearings (5).

7. Rotor block per claim 6, characterized in that the openings (9) have a lower region (12) forming, in particular, an angle open to the side (8), joined to the upper region (11) at the narrowing (13).

8. Rotor block per claim 6 or 7, characterized in that the circular upper region (11) of the openings (9) describes approximately three quarters of a circle, seen in cross section.

9. Rotor block per one of the preceding claims, characterized in that the side (8) is pointing downward.

10. Rotor block per one of the preceding claims, characterized in that the connection surface (3A) is a top connection surface.

Amendment PCT Article 19

Patent claims

1. Rotor block (1) with a housing (2), with at least one connection surface (3A) that absorbs the load, and with pivot bearing seats (4) for plain and/or anti-friction bearings (5) that are designed to support a rotor (6), wherein, to dismount the rotor (6) from the housing (2), the plain and/or antifriction bearings (5) can be dismantled from the exterior and the rotor (6) from a side (8) lying transversally to the bearings, and the pivot bearing seats (4) take the form of openings (9) that are directly configured in the housing wall, without the use of annular bodies, characterized in that the pivot bearing seats (4) are fashioned so that they form a segment greater than a semicircle around the plain and/or anti-friction bearings (5) and leave a section open on one side (8) in relation to said bearings (5), thus forming a narrowing (13), and the rotor (6) in the installed condition extends from the housing (2) at the side (8).

2. Rotor block per claim 1, characterized in that the openings (9) not enclosed all around have a narrowing (13) that has larger dimensions than the diameter of the hub (7) of the rotor (6).

3. Rotor block per claim 1 or 2, characterized in that the plain and/or anti-friction bearings (5) are smaller than the openings (9) not enclosed all around and larger than the narrowing (13).

4. Rotor block per one of the preceding claims, characterized in that the openings (9) are free at the side (8) so that the rotor (6) can be taken out from the side (8) after the plain and/or anti-friction bearings (5) have been removed sideways.

5. Rotor block per one of the preceding claims, characterized in that the openings (9) have a shape resembling a keyhole, looking in cross section.

6. Rotor block per one of the preceding claims, characterized in that the openings (9) have a circular upper region (11) to accommodate the plain and/or anti-friction bearings (5).

7. Rotor block per claim 6, characterized in that the openings (9) have a lower region (12) forming, in particular, an angle open to the side (8), joined to the upper region (11) at the narrowing (13).

8. Rotor block per claim 6 or 7, characterized in that the circular upper region (11) of the openings (9) describes ~~approximately~~ three quarters of a circle, seen in cross section.

9. Rotor block per one of the preceding claims, characterized in that the side (8) is pointing downward.

10. Rotor block per one of the preceding claims, characterized in that the connection surface (3A) is a top connection surface.